

AW Hydraulic Fluid



Product Description

OTR™ AW Hydraulic Fluid is designed for all modern high-pressure hydraulic power systems used in construction equipment and stationary industrial installations. These oils are formulated with an optimum level of anti-wear additive for maximum protection against scuffing and wear in hydraulic pumps and motors. Extensive testing has shown these oils exhibit excellent resistance to foaming and oxidation and have excellent anti-rust properties.

Product Features and Benefits

Limits wear in low- and high-pressure vane pumps for longer pump life and reduced operating cost.

Provides wear control for steel, brass and bronze pump parts when operating at maximum pressure ratings, resulting in excellent pump protection and more cost-efficient operation.

Can be used in both mobile and stationary hydraulic equipment, giving service flexibility and minimized inventory.

Special rust and corrosion inhibitors limit rusting of ferrous metals and corrosion of yellow metals.

Water separation/demulsibility helps protect equipment in wet service environments.

Typical Applications

OTR™ AW Hydraulic Fluids can be used in a wide range of applications requiring an anti-wear hydraulic fluid such as commercial and industrial high-pressure hydraulic systems, heavy duty on- and off-road mobile equipment, agricultural and construction equipment, and over-the-road trucks equipped with hydraulic systems.

Typical Properties

Viscosity Grade	Test Method	32	46	68
Viscosity @ 100°C, cSt	ASTM D445	5.4	6.9	8.7
@ 40°C, cSt	ASTM D445	32	46	68
Viscosity Index	ASTM D2270	105	105	100
Pour Point, °F (°C)	ASTM D97	-35 (-37)	-24 (-31)	-13 (-25)
Flash Point, °F (°C)	ASTM D92	410 (210)	450 (232)	450 (232)
API Gravity	ASTM D1298	31.2	31	30
Dielectric Strength, kV (min)	ASTM D877	40	40	40
Oxidation Life, Typical Hours	ASTM D943	6,000	6,000	6,000

OTR™ Part Number:

Drum – 55 Gal
Pail (Plastic) – 5 Gal

VPHF-32-55G
VPHF-32-5G

VPHF-46-55G
VPHF-46-5G

VPHF-68-55G
VPHF-68-5G